

REMARKS

Applicant wishes to reiterate thanks to the Examiner Najjar for the favorable comments obtained during the Telephonic Interview on September 16, 2003, where the proposed amendment to Claims 1, 6 and 7 overcame the cited primary art included in the Final Office Action mailed September 08, 2003. As such, Applicant has amended Claims 1, 6 and 7 with the proposed amendment, notwithstanding Applicant's belief that the originally filed claims are allowable. Therefore, reconsideration of the present application in light of the foregoing amendment and these remarks is respectfully solicited.

I. Rejection of Claims 1 and 5 under 35 U.S.C. § 102(e)

In the Office Action, the Examiner rejected under 35 U.S.C. §102(e) Claims 1 and 5 as being anticipated by Agraharam et al., U.S. patent 6,389,471. Applicant respectfully traverses the rejection.

Agraharam et al. teaches a network broadcast system having a session conductor that specifies the multimedia documents to broadcast.

Applicant has herein amended independent Claim 1 to positively recite limitations including: said client-end means selects which full-digital database content to receive, said full-digital database content is continuously received by a broadcast receiver and is stored in a client local storage unit, and said full-digital database content includes redundant packets that repair data losses due to transmission errors, which are not taught by Agraharam et al. Specifically, herein amended independent Claim 1 recites:

1. (currently amended) A broadcast system, said broadcast system comprising:

a server-end means for scheduling, gathering and transmitting an entire digital database content of at least one type of digital information service, said server-end means having means for encoding said full-digital data content for being broadcasted; and

a client-end means for decoding and receiving the broadcasted full-digital database content and providing the full informational content of said at least one type of digital information services, wherein said client-end means selects which full-digital database content to receive, wherein said full-digital database content is continuously received by a broadcast receiver and is stored in a client local storage unit, and wherein said full-digital database content includes redundant packets that repair data losses due to transmission errors.

The added limitations of independent Claim 1 of the present invention are disclosed in the Specification on page 8, lines 10-15 (broadcast receiver runs continually ...) and page 12, lines 10-15 (The content is saved as files in the storage unit ...). Therefore Applicant asserts no new matter is introduced by this amendment. Applicant respectfully requests entry of the above amendment to independent Claim 1, withdrawal of the rejection and passage of independent Claim 1 to allowance. Dependent Claim 5 properly further defines and narrows the herein amended independent Claim 1 and is thus allowable by reason of its dependency. Applicant respectfully requests that the rejection be withdrawn. Thus, Applicant respectfully requests entry of these amendments and passage of Claims 1 and 5 to allowance.

II. Rejection of Claims 7, 10, 11 and 13-19 under 35 U.S.C. § 102(e):

Claims 7, 10, 11, and 13-19 have been rejected under 35 U.S.C. § 102(e) as being anticipated by Mugura et al. (US 6,518,986) ("Mugura"). Applicant respectfully traverses the rejection.

Contrary to the present invention, Mugura teaches a broadcast Electronic Program Guide (EPG) system where the broadcaster transmits packets of data, the user selects the tuner frequency to receive the desired EPG, and the EPG is displayed on the user's screen.

Applicant has herein amended independent Claim 7 to positively recite the limitations that said end-user selects at least one computer file that is to be broken down before broadcast and stored locally at the end-user's location, which are not taught by Mugura. Specifically, herein amended independent Claim 7 recites:

7. **(currently amended)** A method for providing digital information with existing audio/video broadcasts, said method comprising:

an end-user selecting at least one end-user selected computer file,
breaking down the computer file into at least one packet of digital information;
broadcasting the packet;
receiving the packet at said an end-user; and
reassembling the packet into the computer files that are stored locally.

The added limitations to herein amended independent Claim 7 of the present invention are disclosed in the Specification on page 6, lines 15-18 (... a client/end user end 130/140 comprise software tools that source, schedule, and receive the digital information transmitted by the

broadcaster...) and page 12, lines 10-15 (The content is saved as files in the storage unit...). Therefore, Applicant asserts no new matter is introduced by this amendment. Applicant respectfully requests entry of the above amendment to independent Claim 7, withdrawal of the rejection and passage of herein amended independent Claim 7 to allowance. Dependent
5 Claims 10, 11, 13-19 properly define and narrow the herein amended independent Claim 7 and are thus allowable by reason of their dependency. Applicant respectfully requests the rejection be withdrawn. Thus, Applicant respectfully requests entry of this amendment and passage of Claims 7, 10, 11 and 13-19 to allowance.

10 **III. Rejection of Claims 2-4 and 6 under 35 U.S.C. § 103(a):**

Claims 2-4 and 6 have been rejected under 35 U.S.C. § 103(a) as being unpatentable over Agraharam et al. (US 6,389,471) ("Agraharam"), in view of Schuster et al. (US 6,151,636) ("Schuster"). Applicant respectfully hereby traverse the rejection.

Contrary to the present invention, Agraharam even in view of Schuster merely teaches,
15 suggests, or motivates that the simultaneous transmission of signals from the session conductor to one or more predetermined users may be encoded, broken up into packets, and linked between wired and wireless communication paths.

Claims 2-4 should be allowable respectively depend from and further narrow herein amended independent Claim 1 and are therefore allowable by reason of their dependency.

20 Applicant has been herein amended independent Claim 6 to positively recite limitations that said client-end means selects which full-digital database content to receive, wherein said full-digital database content is continuously received by a broadcast receiver and is stored in a client local storage unit, which is not taught, suggested or motivated by Agraharam et al., even in view of Schuster. Specifically, herein amended independent Claim 6 recites:

25 6. (currently amended) A contents-based digital data broadcast system, said system comprising:

a first server-end application program means for retrieving a first type of digital information, and storing an entire contents of said digital information locally;

30 a first server-end application module means for encoding, transmitting scheduled services including said entire contents of said digital information, said first application module comprising means for supporting IP-Multicast, RS422, RS232, and TCP/IP communications and means for broadcasting said encoded entire contents of

Digital Satellite System (DSS), Digital Video Broadcasting (DVB), MPEG-2, paging networks, telephone networks, local area networks, and the Internet;

a second server-end application module means for scheduling tasks for external modules; facilitating centralized organization of tasks and services provided to a client;

a second server-end application program means for issuing and responding to remote commands and reporting on a status of a task to remote modules;

a first client-end application program selecting said first type of digital information to transmit;

said a first client-end application program means for decoding and receiving continuously by a broadcast receiver the full content of said broadcasted encoded digital information, and said first client storing locally said first type of digital information on a first client storage device; and

a second client end application program guide means for facilitating selection of which service to receive, viewing a schedule of incoming services, and review of a catalog of what services have been received, said program guide means further providing a rotating information banner,

wherein said broadcast receiver continuously receives the full content of said broadcast encoded digital information independent of said second client end application program guide operation.

The added limitations of herein amended independent Claim 6 of the present invention are disclosed in the Specification on page 8, lines 10-15 (broadcast receiver runs continually ...) and page 12, lines 10-15 (The content is saved as files in the storage unit ...). Therefore Applicant asserts no new matter is introduced by this amendment. Applicant respectfully requests that the rejection be withdrawn. Thus, Applicant respectfully requests entry of this amendment and passage of Claims 2-4 and 6 to allowance.

IV. Rejection of Claims 8 and 9 under 35 U.S.C. § 103(a):

Claims 8 and 9 have been rejected under 35 U.S.C. § 103(a) as being unpatentable over Mugura et al. (US 6,518,986) ("Mugura"), in view of Schuster et al. (US 6,151,636) ("Schuster"). Applicant respectfully hereby traverse the rejection.

Claims 8 and 9 should be allowable respectively depend from and further narrow herein amended independent Claim 7 and are therefore allowable by reason of their dependency.

amended independent Claim 7 and are therefore allowable by reason of their dependency. Applicant respectfully requests that the rejection be withdrawn. Thus, Applicant respectfully requests passage of Claims 8 and 9 to allowance.

5 **V. Rejection of Claim 12 under 35 U.S.C. § 103(a):**

Claim 12 has been rejected under 35 U.S.C. § 103(a) as being unpatentable over Mugura et al. (US 6,518,986) ("Mugura"), in view of Schuster et al. (US 6,151,636) ("Schuster"). Applicant respectfully hereby traverse the rejection.

10 Claim 12 should be allowable respectively depend from and further narrow herein amended independent Claim 7 and are therefore allowable by reason of its dependency. Applicant respectfully requests that the rejection be withdrawn. Thus, Applicant respectfully requests passage of Claim 12 to allowance.

15 **VI. Rejection of Claim 20 under 35 U.S.C. § 103(a)**

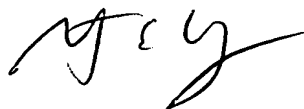
The Examiner has rejected Claim 20 under 35 U.S.C. § 103(a) as being unpatentable over Mugura et al. (US 6,518,986) ("Mugura"), in view of Menand et al. (US 5,548,532) ("Menand"). Applicant respectfully hereby traverses the rejection.

20 Claim 20 should be allowable respectively depend from and further narrow herein amended independent Claim 7 and are therefore allowable by reason of its dependency. Applicant respectfully requests withdrawal of the rejection and passage of Claim 20 to allowance.

CONCLUSION

Independent Claims 1, 6 and 7 are herein amended consistent with Telephone Interview with Examiner Najjar, notwithstanding Applicant's belief that the claims would have been allowable as originally filed. Applicant respectfully submits that the presently claimed invention is patentably distinct over the cited references, and Applicant therefore believes that the claims, as amended, now are not anticipated by Agraharam et al. nor Mugura et al. as required by 35 U.S.C. §102(e), are non-obvious by Agraharam or Mugura, in view of Schuster et al. as required by 35 U.S.C. §103, or are non-obvious over Mugura, in view of Menand et al. Therefore Applicant believes the present invention as now claimed is patentable. In view of the foregoing amendment and remarks, Applicant requests favorable consideration by the Examiner, entry of the above amendment, withdrawal of the present rejections, allowance of the pending claims, and passage of the present application to issuance are accordingly solicited. The Examiner is cordially invited to telephone the undersigned for any reason which would advance the pending claims toward allowance.

Respectfully submitted,



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